

Heonjoo Ha

List of Publications by Year in descending order

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papers

953
citations

471509

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24
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1897
citing authors

#	ARTICLE	IF	CITATIONS
1	An All-Stretchable-Component Sodium-Ion Full Battery. <i>Advanced Materials</i> , 2017, 29, 1700898.	21.0	141
2	Mechanically Stable Thermally Crosslinked Poly(acrylic acid)/Reduced Graphene Oxide Aerogels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6220-6229.	8.0	133
3	Polydopamine-Graphene Oxide Flame Retardant Nanocoatings Applied via an Aqueous Liquid Crystalline Scaffold. <i>Advanced Functional Materials</i> , 2018, 28, 1803172.	14.9	124
4	Thermoplastic Elastomer-Enabled Smart Electrolyte for Thermoresponsive Self-Protection of Electrochemical Energy Storage Devices. <i>Advanced Materials</i> , 2016, 28, 7921-7928.	21.0	112
5	Gas permeation and selectivity of poly(dimethylsiloxane)/graphene oxide composite elastomer membranes. <i>Journal of Membrane Science</i> , 2016, 518, 131-140.	8.2	73
6	Linking Semiconductor Nanocrystals into Gel Networks through All-Inorganic Bridges. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14840-14844.	13.8	45
7	Marangoni Instability Driven Surface Relief Grating in an Azobenzene-Containing Polymer Film. <i>Macromolecules</i> , 2016, 49, 7069-7076.	4.8	39
8	Synthesis and gas permeability of highly elastic poly(dimethylsiloxane)/graphene oxide composite elastomers using telechelic polymers. <i>Polymer</i> , 2016, 93, 53-60.	3.8	34
9	Morphology and properties of polyamide/multi-walled carbon nanotube composites. <i>Macromolecular Research</i> , 2010, 18, 660-667.	2.4	31
10	Conflicting Confinement Effects on the T_g , Diffusivity, and Effective Viscosity of Polymer Films: A Case Study with Poly(isobutyl methacrylate) on Silica and Possible Resolution. <i>Macromolecules</i> , 2017, 50, 609-617.	4.8	31
11	Polyhedral Oligomeric Silsesquioxane-Containing Thiol-ene Fibers with Tunable Thermal and Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11050-11059.	8.0	26
12	Reduced-Graphene Oxide/Poly(acrylic acid) Aerogels as a Three-Dimensional Replacement for Metal-Foil Current Collectors in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22641-22651.	8.0	26
13	Soybean Oil-Based Thermoset Films and Fibers with High Biobased Carbon Content via Thiol-ene Photopolymerization. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8364-8373.	6.7	20
14	Polymer/graphene oxide (GO) thermoset composites with GO as a crosslinker. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 303-317.	2.7	19
15	Effect of molecular weight of polymer matrix on the dispersion of MWNTs in HDPE/MWNT and PC/MWNT composites. <i>Macromolecular Research</i> , 2010, 18, 512-518.	2.4	18
16	UV curing kinetics and properties of polyurethane acrylate/multi-walled carbon nanotube coatings. <i>Macromolecular Research</i> , 2010, 18, 674-679.	2.4	18
17	Generating Large Thermally Stable Marangoni-Driven Topography in Polymer Films by Stabilizing the Surface Energy Gradient. <i>Macromolecules</i> , 2017, 50, 4588-4596.	4.8	18
18	An empirical equation for electrical resistivity of thermoplastic polymer/multi-walled carbon nanotube composites. <i>Carbon</i> , 2010, 48, 1939-1944.	10.3	16

#	ARTICLE	IF	CITATIONS
19	Gas sorption and diffusion in poly(dimethylsiloxane) (PDMS)/graphene oxide (GO) nanocomposite membranes. <i>Polymer</i> , 2021, 212, 123185.	3.8	8
20	Thermal stimuli-responsive behavior of pyrene end-functionalized PDMS through tunable interactions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 159-168.	2.1	5
21	Smart Electrolytes: Thermoplastic Elastomer-Enabled Smart Electrolyte for Thermoresponsive Self-Protection of Electrochemical Energy Storage Devices (<i>Adv. Mater.</i> 36/2016). <i>Advanced Materials</i> , 2016, 28, 7810-7810.	21.0	4
22	Unusual Thermal Properties of Certain Poly(3,5-disubstituted styrene)s. <i>Macromolecules</i> , 2020, 53, 5504-5511.	4.8	2
23	Molecularly templated reaction for forming poly(dimethyl siloxane)-graphene oxide composite elastomers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1406-1413.	2.1	1